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10/21/2005 DPOLLARD 00000002 061505 10694498

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02 FC:1202	150.00 DA

PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2003

Application or Docket Number

101694498
81089546

CLAIMS AS FILED - PART I

	(Column 1)	(Column 2)
TOTAL CLAIMS	20	
FOR	NUMBER FILED	NUMBER EXTRA
TOTAL CHARGEABLE CLAIMS	20 minus 20 =	* 0
INDEPENDENT CLAIMS	6 minus 3 =	* 3
MULTIPLE DEPENDENT CLAIM PRESENT <input type="checkbox"/>		

SMALL ENTITY
TYPE ☐

OR OTHER THAN
SMALL ENTITY

RATE	FEE
BASIC FEE	385.00
XS 9=	
X43=	
+145=	
TOTAL	

RATE	FEE
BASIC FEE	770.00
XS18=	
X86=	258
+290=	
TOTAL	1028

* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	* 23	Minus ** 20	= 3
Independent	* 11	Minus *** 6	= 5
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			

SMALL ENTITY OR

OTHER THAN
SMALL ENTITY

RATE	ADDI- TIONAL FEE
XS 9=	
X43=	
+145=	
TOTAL ADDIT. FEE	

RATE	ADDI- TIONAL FEE
XS18=	
X86=	
+290=	
TOTAL ADDIT. FEE	

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	*	Minus **	=
Independent	*	Minus ***	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			

RATE	ADDI- TIONAL FEE
XS 9=	
X43=	
+145=	
TOTAL ADDIT. FEE	

RATE	ADDI- TIONAL FEE
XS18=	
X86=	
+290=	
TOTAL ADDIT. FEE	

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	*	Minus **	=
Independent	*	Minus ***	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			

RATE	ADDI- TIONAL FEE
XS 9=	
X43=	
+145=	
TOTAL ADDIT. FEE	

RATE	ADDI- TIONAL FEE
XS18=	
X86=	
+290=	
TOTAL ADDIT. FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."
 *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."
 The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

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OCT 14 2005

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/694,498
Applicant : van Nieuwstadt
Filed : October 27, 2003
T.C./A.U. : 3748
Examiner : Tran, Diem T

Confirmation No.: 2660

Docket No. : 81089546
Customer No. : 33066

CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. § 1.8(a))

I hereby certify that this correspondence is, on the date shown below, being transmitted by facsimile to the Patent and Trademark Office at 571-273-8300

10-14-2005
Date


Richard M. Sharkansky

Please charge any additional fee required or refund any excess fee to Deposit Account 06-1510. If there are insufficient funds please charge Deposit Account No. 06-1505

RESPONSE

Mail Stop Amendment
T.C./A.U. 3748
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This is in response to the Office Action mailed July 14, 2005. Please amend the above-identified application as follows:

Application No.: 10/694,498
Reply to Office Action of July 14, 2005

REMARKS/ARGUMENTS

The above-identified patent application has been amended and reconsideration and re-examination are hereby requested.

It is first noted that the claims have been renumbered as indicated by the Examiner.

Claim 9 has been cancelled.

Claims 6 and 15 have been amended and are now complete.

Claims 3-5, and 12-14 have been rewritten into independent form.

The allowance of claims 7, 8, 16 and 17 is acknowledged

Claims 1, 10 and 18 have been amended to point out that the hydrocarbon injection into engine exhaust upstream of an oxidation catalyst disposed upstream of the particulate filter is controlled in accordance with a difference between the engine exhaust temperature upstream of the catalyst and a temperature in a region both downstream of the catalyst and upstream of the particulate filter. It is respectfully submitted that such feature is not described in Sato et al. U. S. Patent No. 4,535,588

In the event a petition for extension of time is required by this paper and not otherwise provided, such petition is hereby made and authorization is provided herewith to charge deposit account No. 06-1510 for the cost of such extension. If there are insufficient funds in this account, please charge the fees to Deposit Account No. 06-1505.

In the event any additional fee is required, please charge such amount to Patent and Trademark Office Deposit Account No. 06-1510. If there are insufficient funds in this account, please charge the fees to Deposit Account No. 06-1505.

Date

10-14-2005

Respectfully submitted,



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